

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008950.D
 Acq On : 12 Dec 2019 17:52
 Operator : JU
 Sample : K6089-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5

Manual Integrations
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mohammad
 12/13/2019 9:07:50 AM

Quant Time: Dec 13 01:23:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2600	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11502	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7560	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16925	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14572	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13829	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3896	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	11403	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	8257	0.238	ng/ul	98
5) 2-Methylnaphthalene	11.98	142	7479	0.309	ng/ul	99
7) Acenaphthylene	13.90	152	7642	0.183	ng/ul#	95
8) Acenaphthene	14.25	153	1313	0.042	ng/ul	94
9) Fluorene	15.24	166	3592	0.099	ng/ul#	77
12) Phenanthrene	16.97	178	104557	1.832	ng/ul	99
13) Anthracene	17.06	178	10998	0.204	ng/ul	96
15) Fluoranthene	18.99	202	184374	2.629	ng/ul	99
17) Pyrene	19.36	202	146254	2.502	ng/ul	98
18) Benzo(a)anthracene	21.12	228	66254	1.131	ng/ul#	94
19) Chrysene	21.17	228	98410	1.710	ng/ul#	96
21) Benzo(b)fluoranthene	22.64	252	97514m	1.710	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	32728m	0.579	ng/ul	
23) Benzo(a)pyrene	23.19	252	57444	1.073	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.38	276	36022	0.575	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.39	278	9850	0.195	ng/ul#	78
26) Benzo(a,h,i)perylene	26.02	276	35159	0.671	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

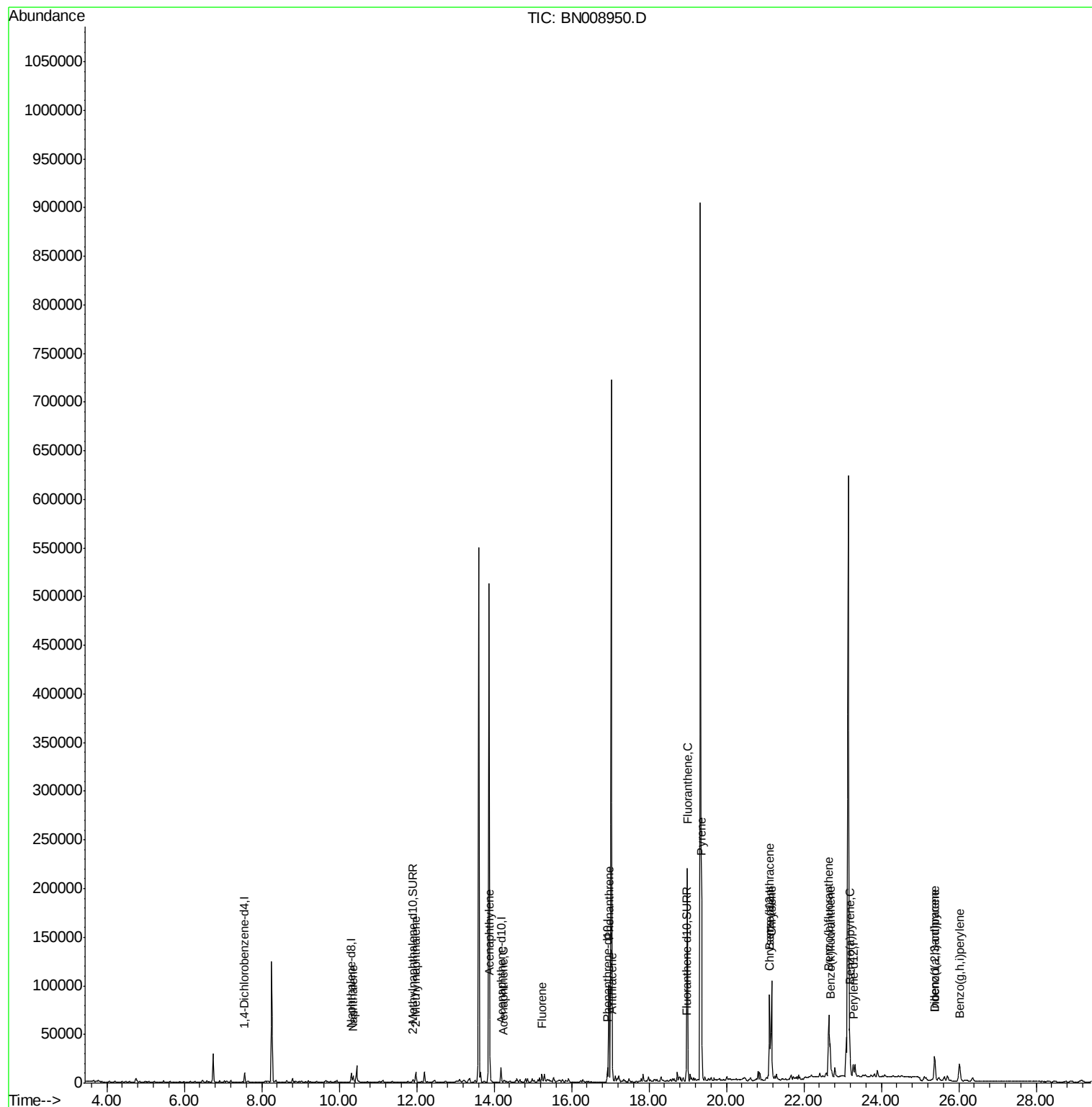
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008950.D
Acq On : 12 Dec 2019 17:52
Operator : JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

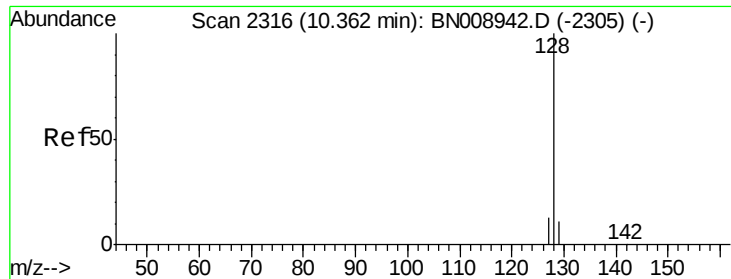
Instrument :
BNA_N
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C0BQ5

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Quant Time: Dec 13 01:23:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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#3

Naphthalene

Concen: 0.238 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

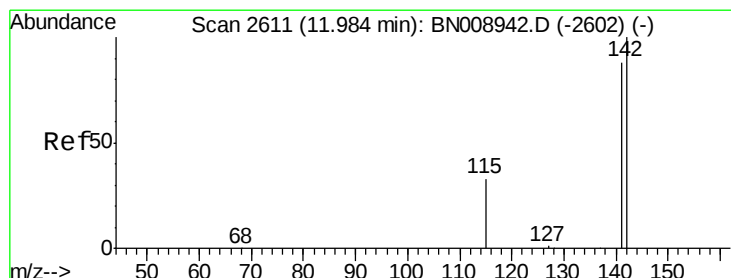
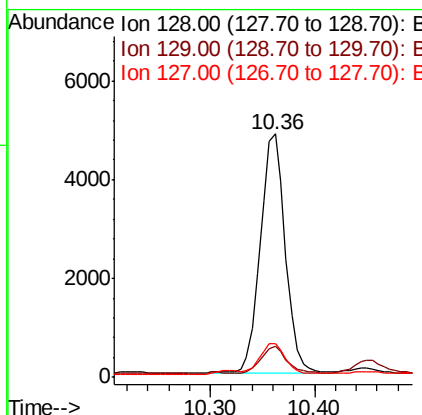
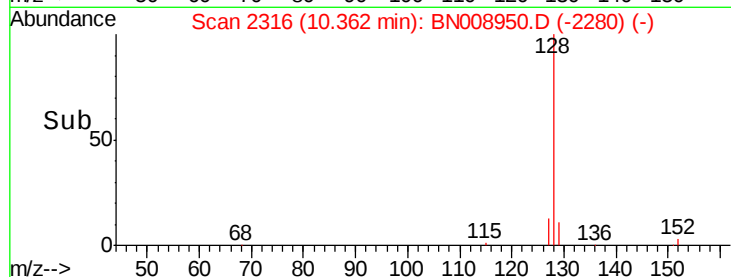
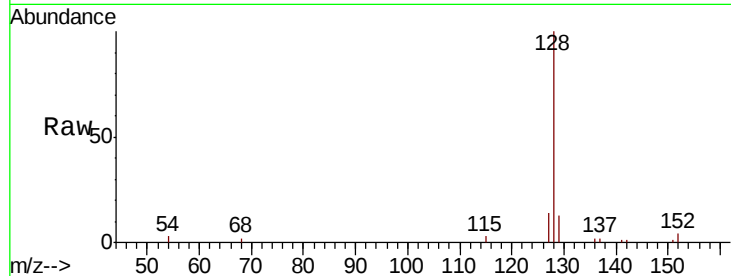
ClientSampleId :

C0BQ5

Tot Ion:	128	Resp:	8257
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.1	13.7
127	13.8	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.309 ng/ul

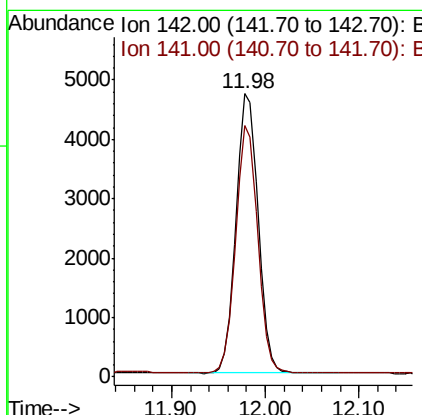
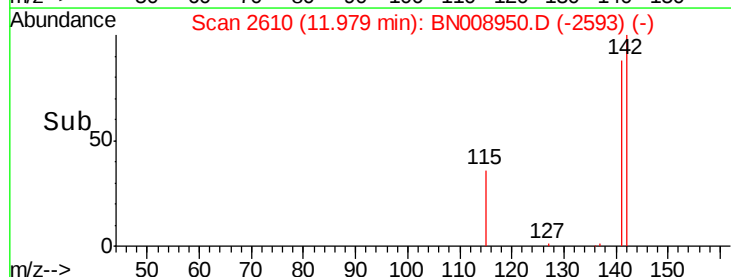
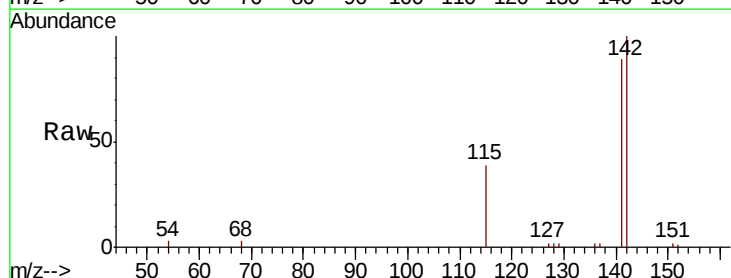
RT: 11.98 min Scan# 2610

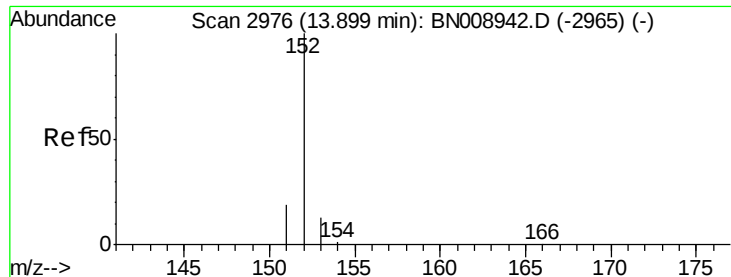
Delta R.T. -0.01 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Tgt Ion:	142	Resp:	7479
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.1	105.1





#7

Acenaphthylene

Concen: 0.183 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

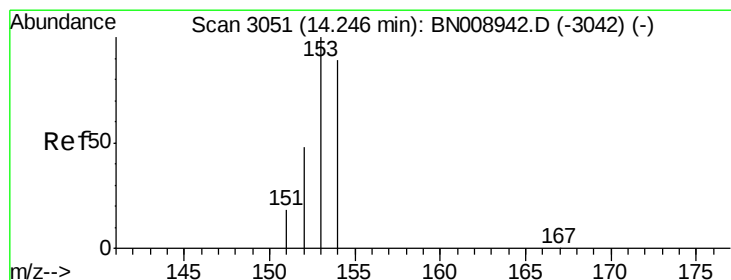
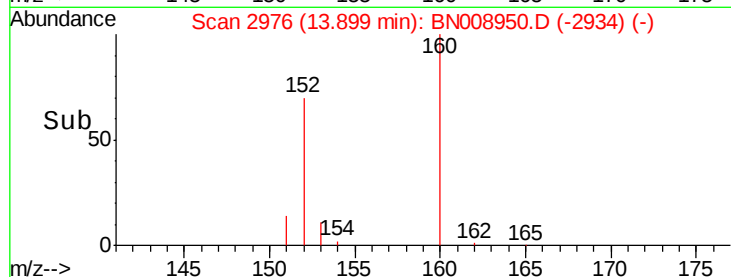
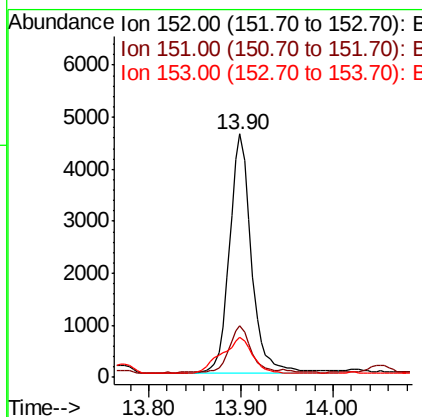
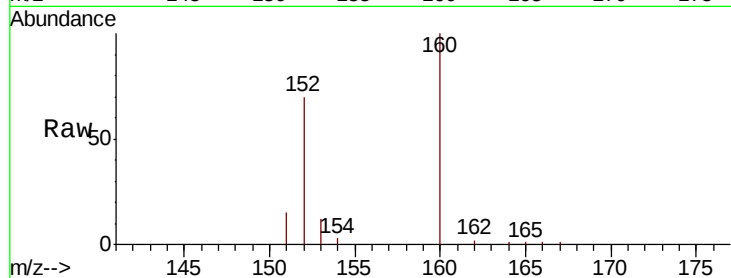
ClientSampleId :

C0BQ5

Tot Ion:	152	Resp:	7642
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.8	23.6
153	16.4	10.6	15.8

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#8

Acenaphthene

Concen: 0.042 ng/ul

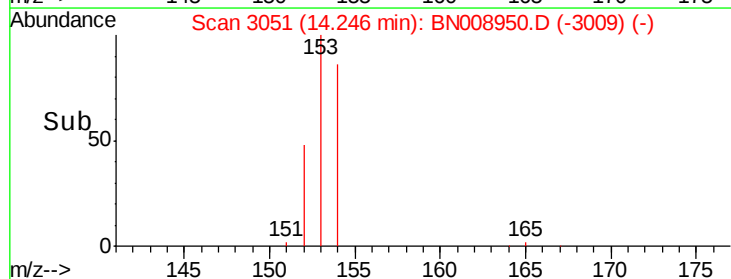
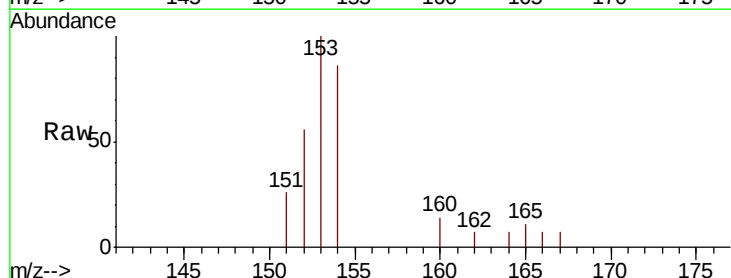
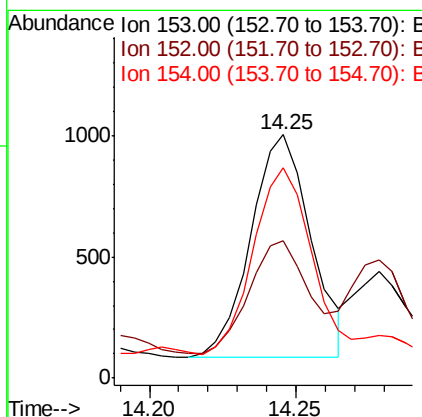
RT: 14.25 min Scan# 3051

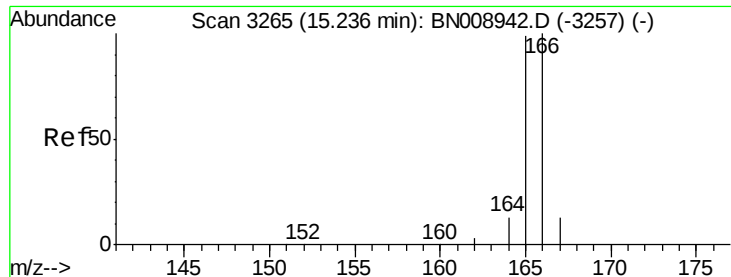
Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Tgt Ion:	153	Resp:	1313
Ion Ratio	Lower	Upper	
153	100		
152	56.4	38.6	58.0
154	86.3	70.6	105.8





#9

Fluorene

Concen: 0.099 ng/ul

RT: 15.24 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

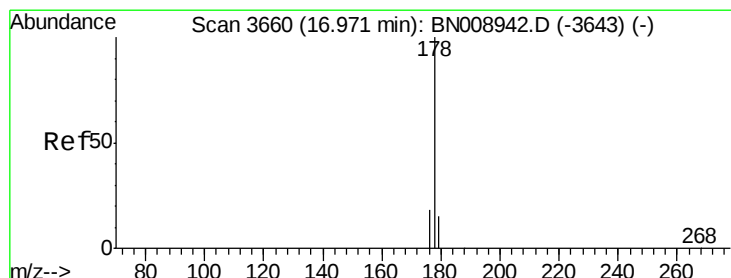
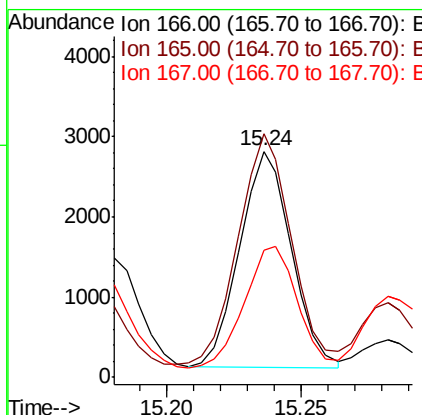
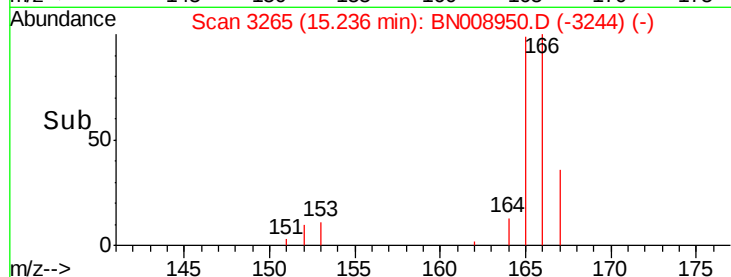
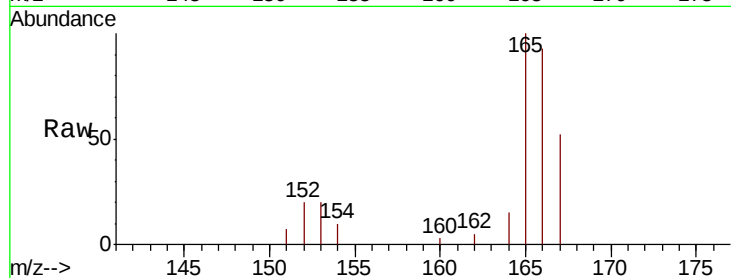
ClientSampleId :

C0BQ5

Tot Ion:	166	Resp:	3592
Ion Ratio	Lower	Upper	
166	100		
165	107.8	77.7	116.5
167	56.3	11.1	16.7#

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#12

Phenanthrene

Concen: 1.832 ng/ul

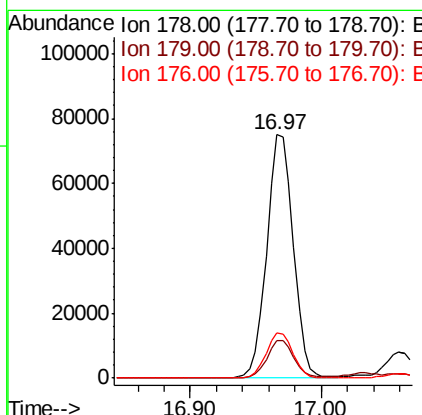
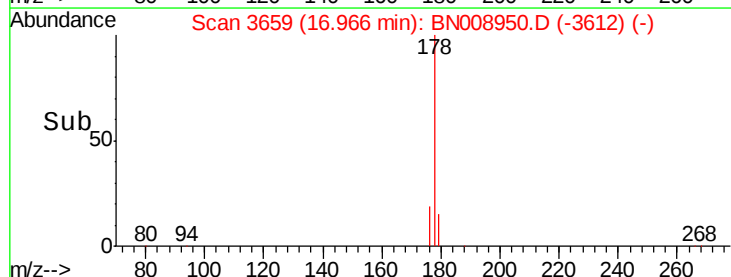
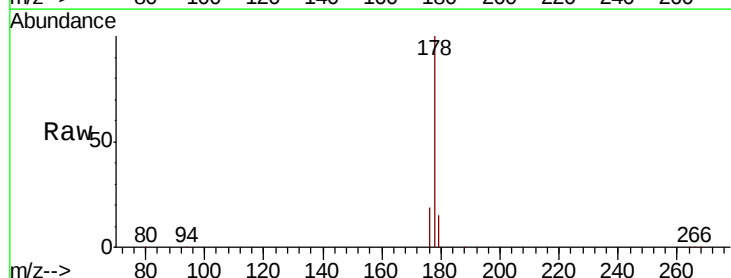
RT: 16.97 min Scan# 3659

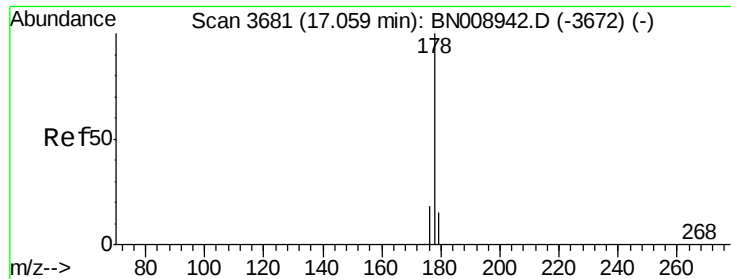
Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Tgt Ion:	178	Resp:	104557
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	18.8
176	18.8	15.3	22.9





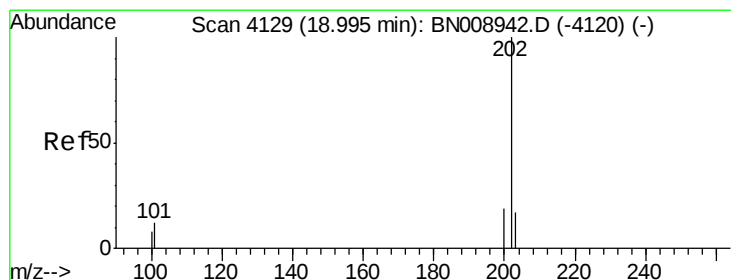
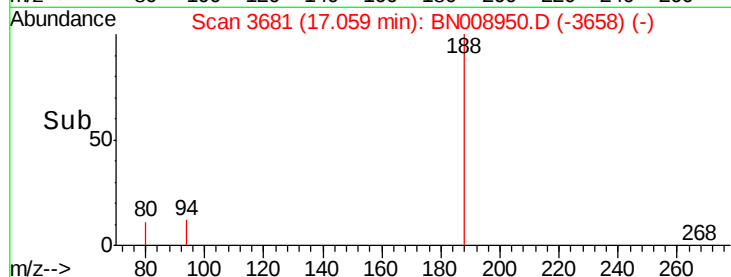
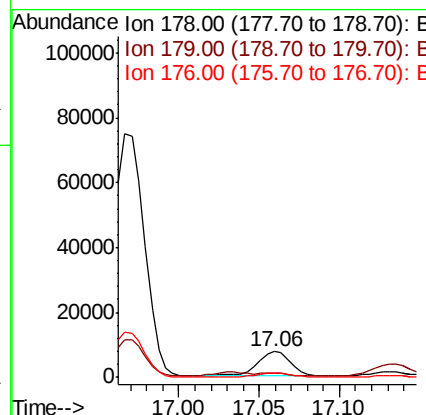
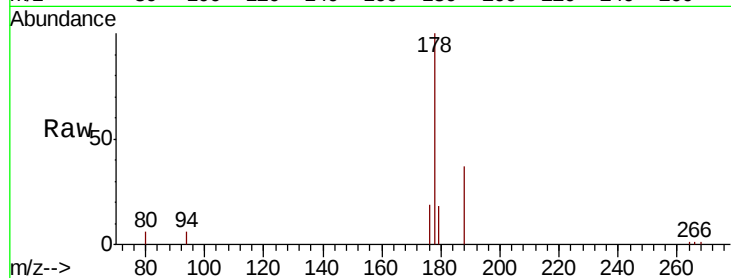
#13
 Anthracene
 Concen: 0.204 ng/ul
 RT: 17.06 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BN008950.D
 Acq: 12 Dec 2019 17:52

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.2	18.4
176	19.0	14.7	22.1

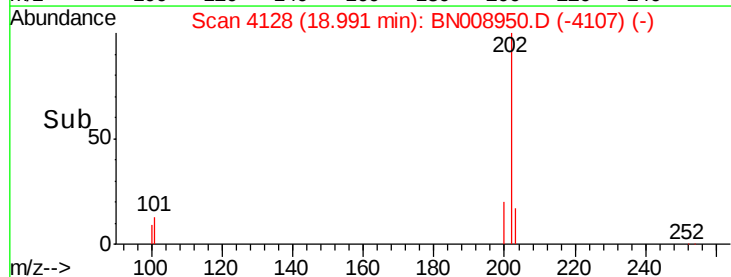
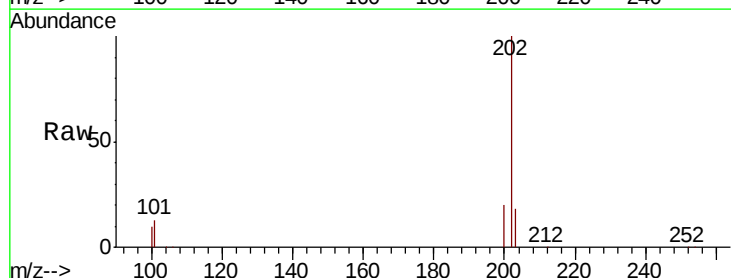
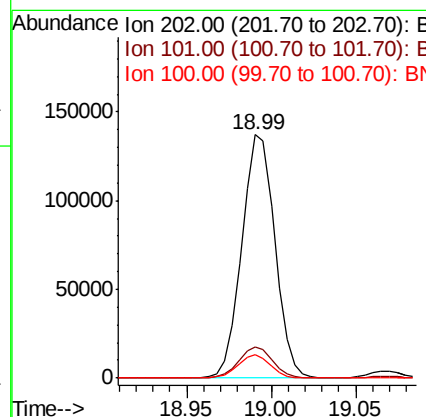
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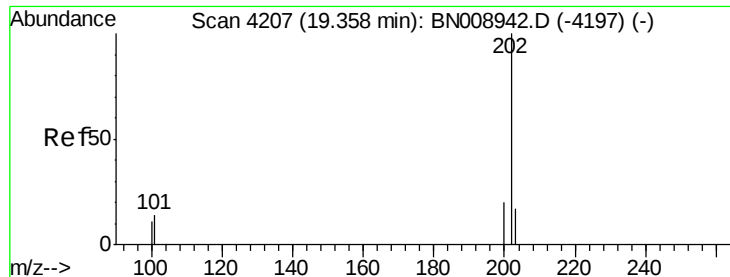
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#15
 Fluoranthene
 Concen: 2.629 ng/ul
 RT: 18.99 min Scan# 4128
 Delta R.T. -0.00 min
 Lab File: BN008950.D
 Acq: 12 Dec 2019 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
100	9.6	0.0	29.2





#17

Pvrene

Concen: 2.502 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

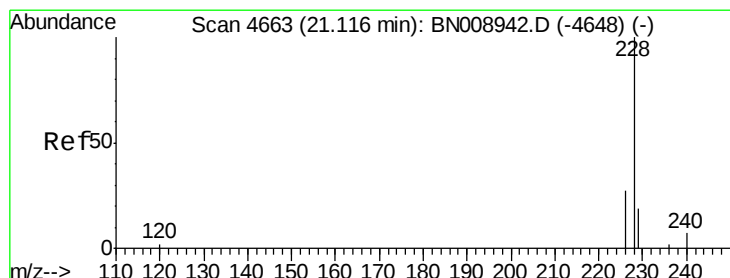
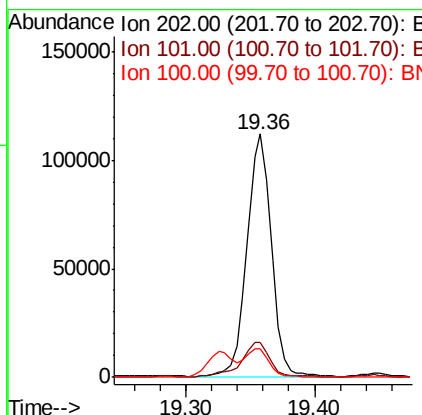
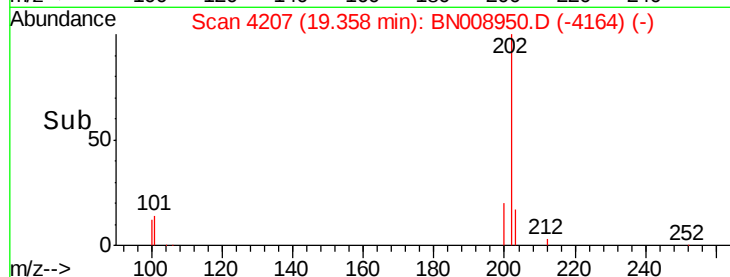
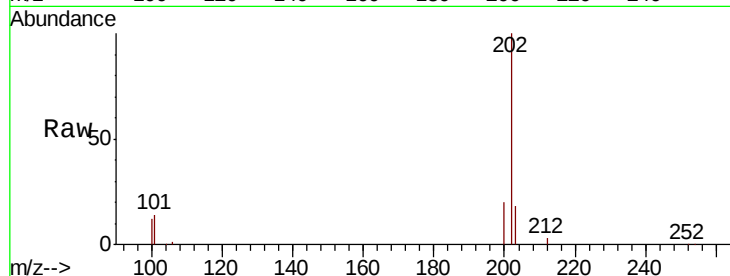
ClientSampleId :

C0BQ5

Tot Ion:	202	Resp:	146254
Ion Ratio	Lower	Upper	
202	100		
101	14.2	12.2	18.4
100	11.6	9.5	14.3

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#18

Benzo(a)anthracene

Concen: 1.131 ng/ul

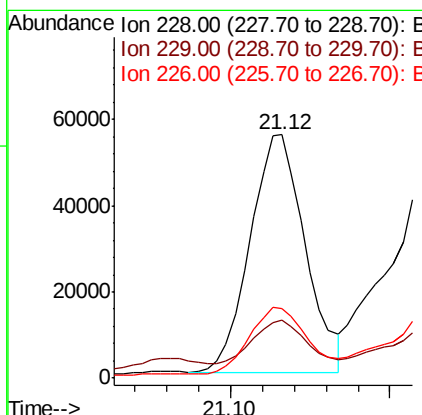
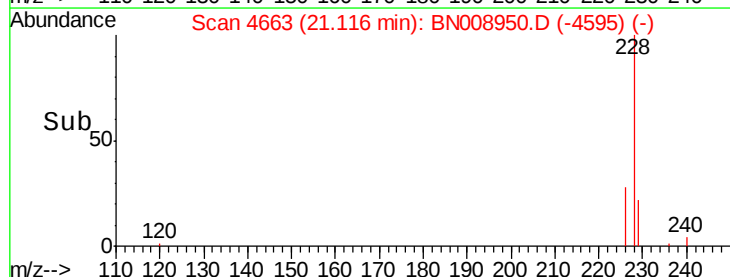
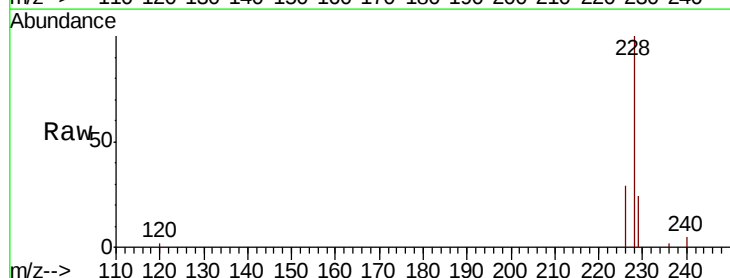
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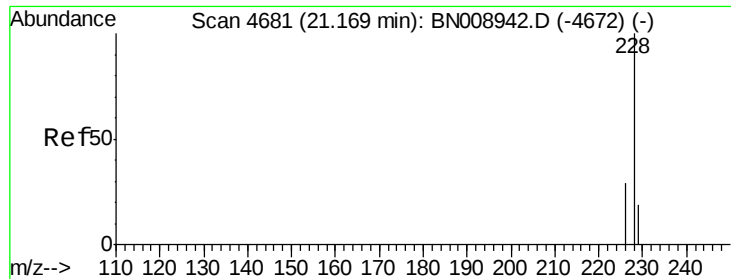
Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Tgt Ion:	228	Resp:	66254
Ion Ratio	Lower	Upper	
228	100		
229	24.1	15.7	23.5#
226	28.5	21.5	32.3





#19

Chrysene

Concen: 1.710 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

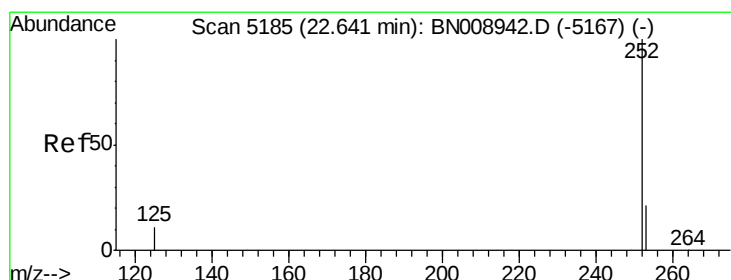
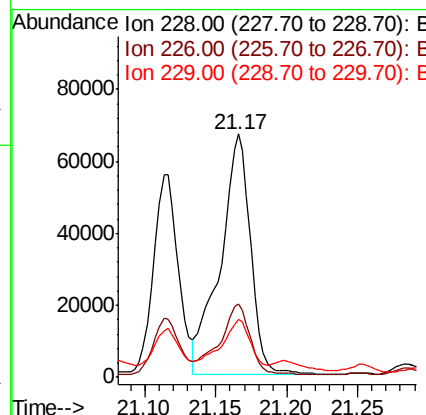
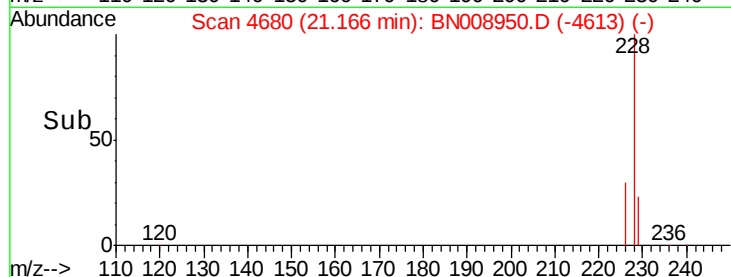
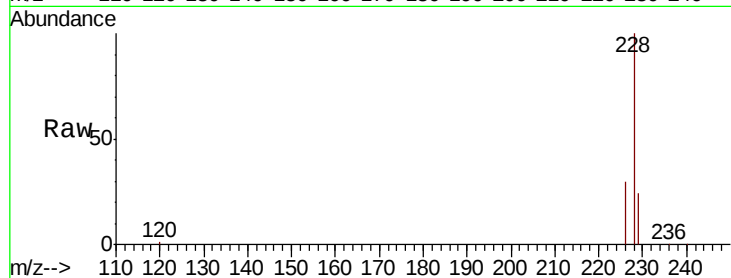
ClientSampled :

C0BQ5

Tot Ion:	228	Resp:	98410
Ion Ratio		Lower	Upper
228	100		
226	30.0	23.8	35.6
229	23.6	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 1.710 ng/ul m

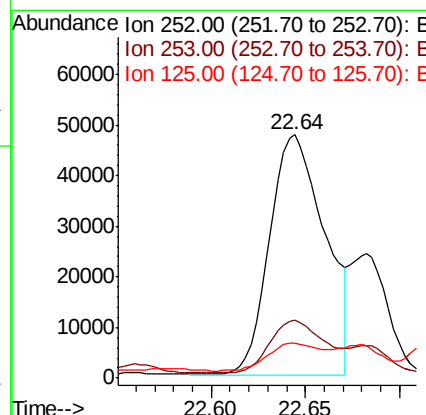
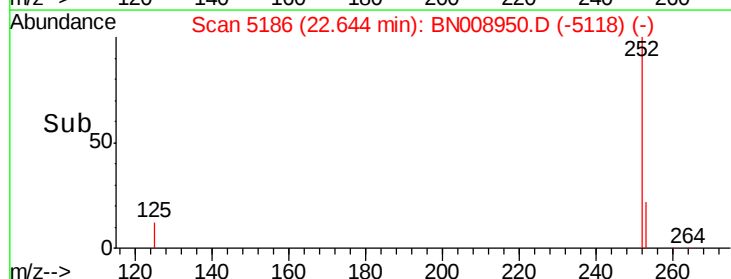
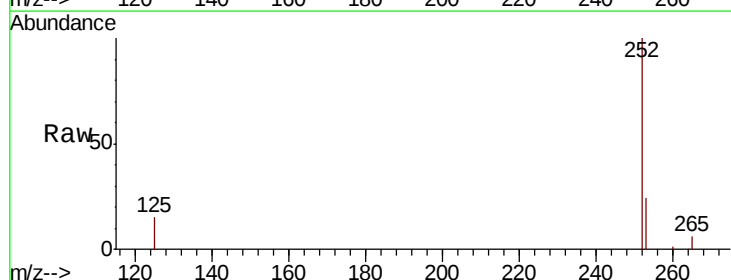
RT: 22.64 min Scan# 5186

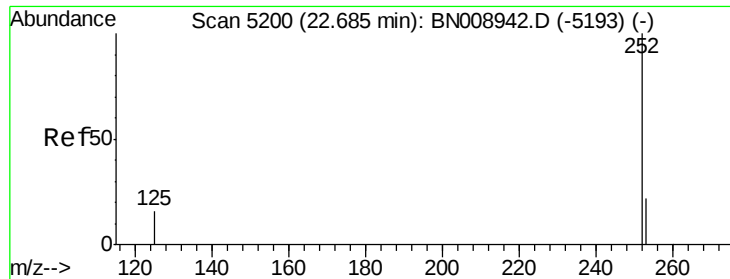
Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Tgt Ion:	252	Resp:	97514
Ion Ratio		Lower	Upper
252	100		
253	23.7	0.0	48.6
125	14.6	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.579 ng/ul m

RT: 22.68 min Scan# 5199

Delta R.T. -0.01 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

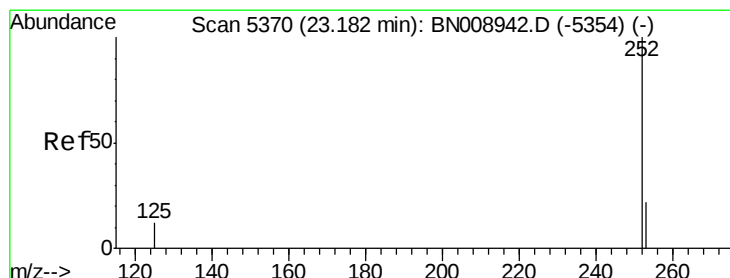
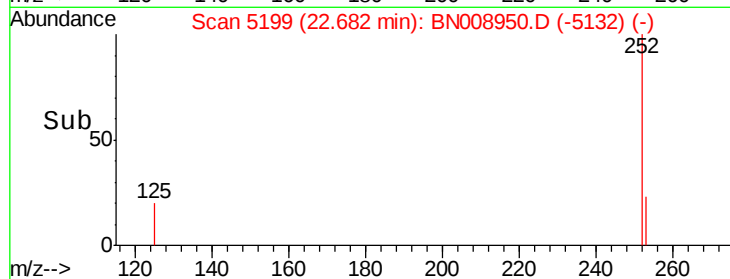
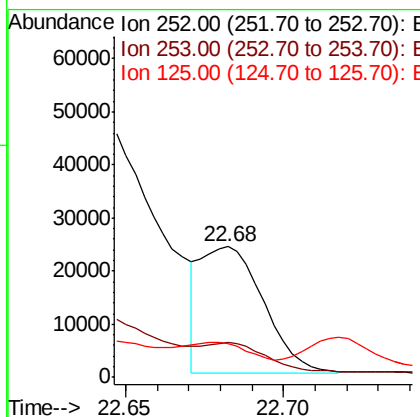
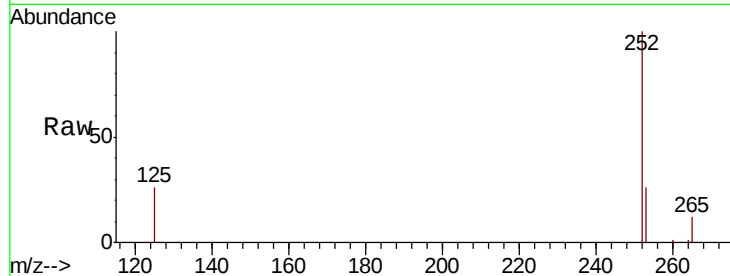
ClientSampleId :

C0BQ5

Tot Ion:	252	Resp:	32728
Ion Ratio	Lower	Upper	
252	100		
253	26.4	19.6	29.4
125	25.7	13.8	20.6

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#23

Benzo(a)pyrene

Concen: 1.073 ng/ul

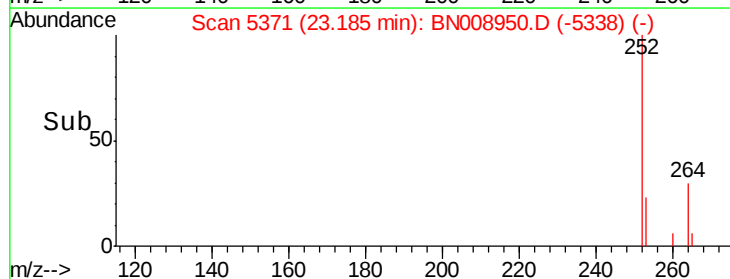
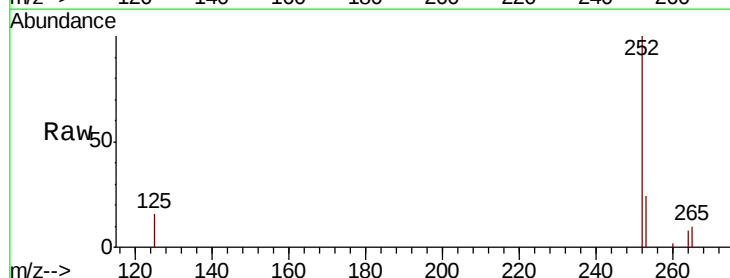
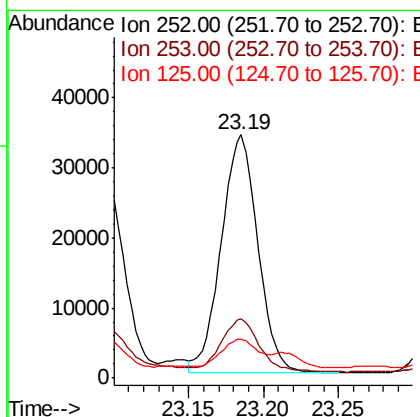
RT: 23.19 min Scan# 5371

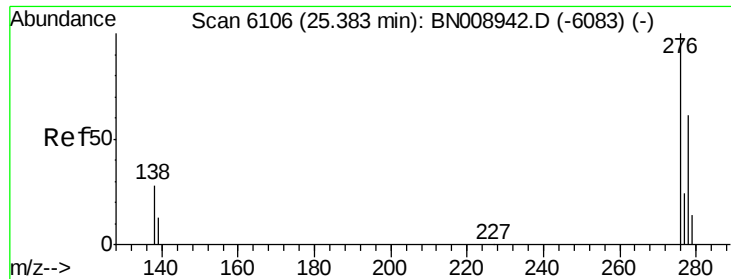
Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Tgt Ion:	252	Resp:	57444
Ion Ratio	Lower	Upper	
252	100		
253	24.5	19.9	29.9
125	15.9	14.6	22.0





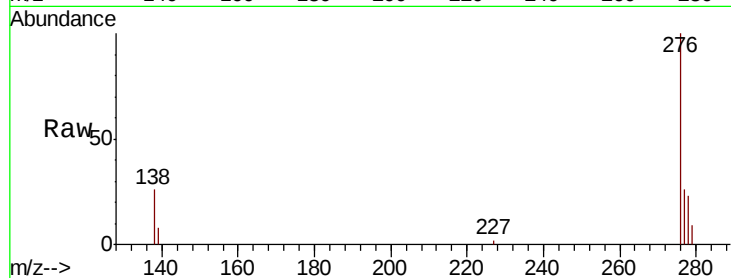
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.575 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008950.D
Acq: 12 Dec 2019 17:52

Instrument :
BNA_N
ClientSampleId :
C0BQ5

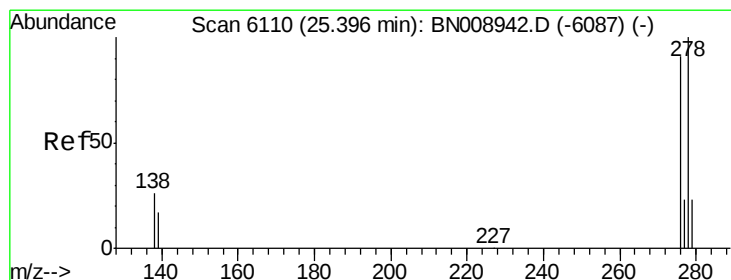
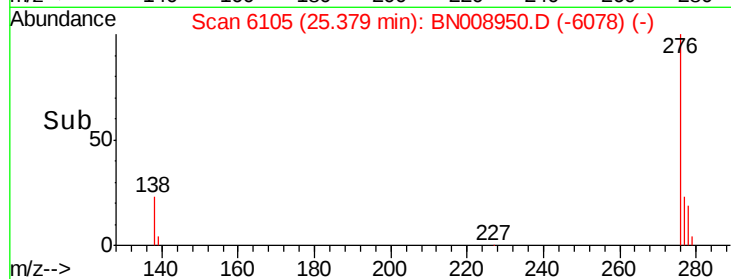
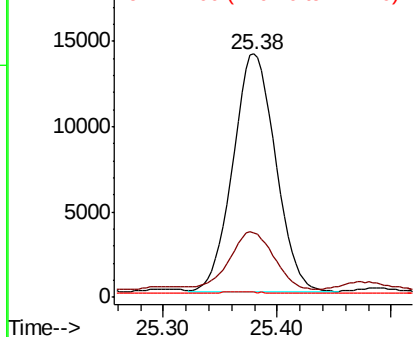
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.8	35.6
227	0.9	0.2	0.2#

Manual Integrations
APPROVED

mohammad
12/13/2019 9:07:50 AM



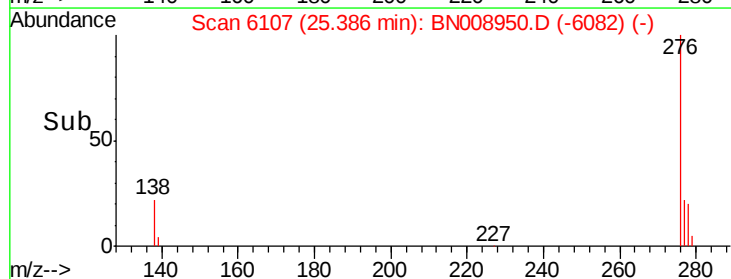
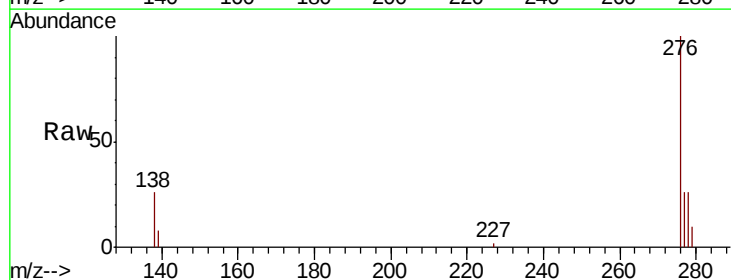
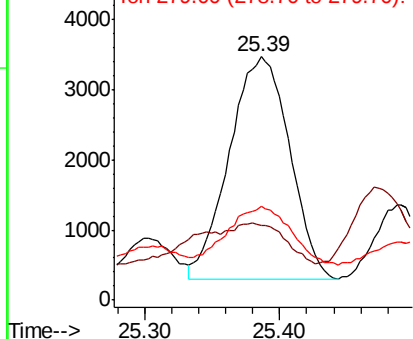
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

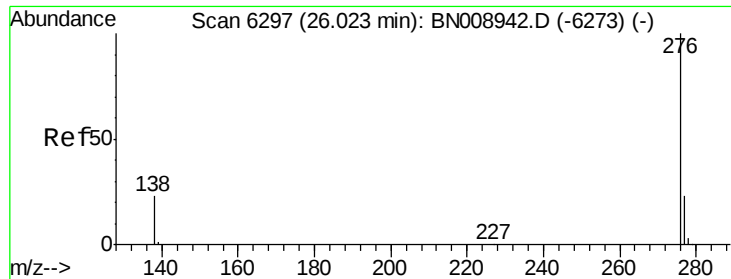


#25
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008950.D
Acq: 12 Dec 2019 17:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.6	17.4	26.0#
279	38.5	20.5	30.7#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





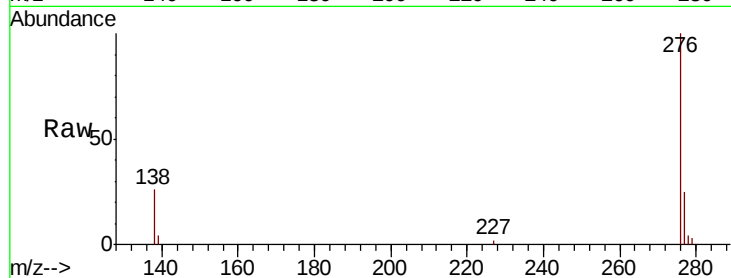
#26
Benzo(a,h,i)perylene
Concen: 0.671 ng/ul
RT: 26.02 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN008950.D
Acq: 12 Dec 2019 17:52

Instrument :
BNA_N
ClientSampleId :
C0BQ5

Tot Ion:	276	Resp:	35159
Ion Ratio	Lower	Upper	
276	100		
138	26.1	21.9	32.9
277	25.4	19.9	29.9

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

